

Michelle L. Weber Rawlins, PhD, ATC

Assistant Professor
School of Exercise and Nutritional Sciences
San Diego State University
5500 Campanile Drive
San Diego, CA 92182

Athletic Training Program
College of Health and Human Services
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EDUCATION

Post-Doctoral Research Fellow, sport-related concussion July 2019-June 2021
A.T. Still University- Mesa, AZ

Doctorate of Philosophy in Kinesiology, cognate in Athletic Training August 2015- May 2019
University of Georgia- Athens, GA
Certificate in Interdisciplinary Qualitative Studies
Dissertation: *Understanding Factors That Influence Sport-Related Concussion Reporting Behavior*

Master of Science in Athletic Training August 2012-August 2014
A.T. Still University- Mesa, AZ
CAATE Accredited Post-Professional Athletic Training Education Program
Thesis: *School Nurses' Knowledge, Attitudes, and Beliefs About Academic Accommodations for Student-Athletes Following Sport-Related Concussions*

Bachelor of Science in Athletic Training August 2007-May 2011
Linfield College- McMinnville, OR
CAATE Accredited Entry-Level Athletic Training Education Program

CURRENT ACADEMIC APPOINTMENT

San Diego State University **Assistant Professor**
Exercise and Nutritional Sciences 2021-present

- Instructor for undergraduate professional athletic training courses
- Facilitate and collaborate on research initiatives
- Service on committees as related to the department and Athletic Training Program needs

PROFESSIONAL EXPERIENCE

A.T. Still University **Post-Doctoral Research Fellow**
Department of Interdisciplinary Health Sciences 2019-2021

Michelle L. Weber Rawlins, PhD, ATC

- Teaching assistant for post-professional and doctorate of athletic training courses (online and residential)
- Audited the courses of Research Methods and Design (ATRN 8010), Assessment and Management of Complex Patients with Concussion (ATRN 7340), Diagnosis and Management of Neurological Conditions (ATRN 7320), Methods of Data Analysis (ATRN 8020), Quality Improvement and Patient Safety (ATRN 7111), and Qualitative Research Methodology (ATRN 8210)
- Developing and Teaching an Online Course 2020 Certificate Completion
- Administer baseline concussion assessments using C3 Logix, IMPACT, and SWAY balance system
- Mentor graduate students through the research process
- Conduct and develop concussion research line including topics of medical disqualification following concussion, development of a concussion patient-rated outcome measure, among others

University of Georgia
Athens, GA

Doctoral Research Assistant
2015- 2019

- Conducting baseline concussion assessments using CNS Vital signs, Balance Error Scoring System, Y-Balance, SCAT-3, SCAT-5, King-Devick, Sensory Organization Test, and Standardized Assessment of Concussions for all student-athletes under the CARE Consortium grant
- Survey distribution, coordination, and educational intervention development for Mind Matters Challenge grant
- Data entry of participants using QuesGen
- Mentor and coordinate undergraduate laboratory assistants

Desert Edge High School
Goodyear, AZ

Athletic Trainer, Career and Technical Education Instructor
2014-2015

- Medical care for football, soccer, cheerleading, basketball, volleyball, wrestling, swimming, track and field, and tennis
- Assessment, emergency care and rehabilitation for student-athletes in a secondary school setting with musculoskeletal injuries
- Instructor of record for two sports medicine classes (curriculum planning, development, instructing of semester length classes)
- Facility management (cleaning hydroculator, keeping cleaning records to date, ordering, stocking, etc.)
- Heath Occupations Students of America club sponsor. Duties include facilitating meetings, and organizing speakers, field trips, club funds

STI Physical Therapy
Mesa, AZ

Graduate Assistant, Athletic Trainer
2012-2014

- Assessment and rehabilitation for patients in an outpatient setting with musculoskeletal injuries
- Documentation completed utilizing electronic medical records

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- Facility management (cleaning hydroculator, keeping cleaning records to date, etc.)
- Assessment and utilization of the Functional Movement Screen®

Neuromuscular Laboratory

A.T. Still University – Mesa, AZ

Research Assistant

2013-2014

- Administration of concussion baseline testing utilizing the clinical and computerized balance testing devices (Balance Error Scoring System, VSR Sport, Neurocom) and computerized neurocognitive testing using ImPACT
- Data entry for ongoing research utilizing statistical software program (SPSS)

Anatomy Laboratory

A.T. Still University – Mesa, AZ

Teaching Assistant

2013-2014

- Supervise tutoring sessions for current anatomy students
- Anatomy instructor, using cadaver specimens for high school student workshops

Datalys Center for Sports Injury Research and Prevention

Gilbert Pop Warner Football League – Gilbert, AZ

Lead Research Assistant

2013-2014

- Lead research assistant for a funded national study of youth football injury epidemiology
- Primary liaison between athletes, coaches, parents and research team
- Project and personnel management, such as scheduling and coordination of 8 research assistants
- Data collection and entry into a custom-made youth injury surveillance system
- Provision of acute sport-related injury care for youth football players

TEACHING ACTIVITY

San Diego State University

Professional Athletic Training Program

Residential Undergraduate Studies

2021	ENS 465	Seminar in Organization and Administration in Athletic Training	1 semester	(IR)
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A.T. Still University

Doctorate of Athletic Training Program

Online Graduate studies

2021	ATRN 7340	Assessment and Management of Complex Patients with Concussion	1 quarter	(TA)
2021	ATRN 7110	Quality Improvement and Patient Safety	1 quarter	(TA)
2020	ATRN 7330	Classification and Management of Traumatic Head Injury in Sport	1 quarter	(TA)
2019, 2020	ATRN 7120	Evidence-Based Practice	2 quarters	(TA)

A.T. Still University

Post-Professional Athletic Training Program

Residential Graduate studies

2020, 2021	ATRN 5310	Traumatic Brain Injury in Sport	2 quarters	(TA)
2019, 2020	ATRN 7121	Evidence-Based Practice	2 quarter	(TA)

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We aim to accelerate the current state of concussion education to include a “Smart” Concussion Education Dashboard with three primary outputs:

- 1) administer strategic individualized concussion education interventions with site tailored information;
- 2) provide aggregate data back to military health and sports medicine professionals;
- 3) cycle data back into machine learning models to adapt over time.

Optimizing Concussion Care Seeking in Military Service Members: Translation to Military Health Contexts

Funding Agency: U.S. Department of Defense

PI: Julianne D. Schmidt, PhD, ATC

Role: Contributor, 2021 (Assisted with idea formulation, grant application)

Status: Not funded (\$4,000,000)

We aim to accelerate the current state of concussion education to include a “Smart” Concussion Education Dashboard with three primary outputs:

- 1) administer strategic individualized concussion education interventions with site tailored information;
- 2) provide aggregate data back to military health and sports medicine professionals;
- 3) cycle data back into machine learning models to adapt over time.

An Examination into Athletic Trainers and Dietitian’s Nutrition Practices for Concussion Patients

Funding Agency: A. T. Still University Warner Grant Fund

PIs: Michelle L. Weber Rawlins, PhD, ATC, Tamara Valovich McLeod, PhD, ATC, FNATA

Role: Principal investigator, 2020 (Contributed to idea formulation, grant application, data collection, data analysis, manuscript development)

Status: Funded (\$3,850)

The purpose of this study was to understand nutrition implementation practices, including food and supplements, regarding concussion of athletic trainers and dietitians at the secondary school and collegiate settings.

Medical Disqualification Following Concussion: Insight into the Patient and Clinician Perspectives

Funding Agency: New Investigator Grant, NATA Research and Education Foundation

PI: Michelle L. Weber Rawlins, PhD, ATC

Role: Principal investigator, 2020 (Contributed to idea formulation, grant application, data collection, data analysis, manuscript development)

Status: Not funded (\$19,998)

The purpose of this study was to understand the perceptions and processes of MDQ following concussion from both the AT and patient perspectives.

Improving Concussion Reporting in High School Student-Athletes: Applying a Theory-Based, Data-Driven, Multimedia Concussion Education Intervention

Funding Agency: NOCSAE

PI: Julianne Schmidt, PhD, ATC

Role: Co-Investigator, 2019 (Assisted with grant application, data collection, data analysis)

Michelle L. Weber Rawlins, PhD, ATC

Status: Not funded (\$250,000)

The goal of this research was to assess and improve concussion reporting behaviors among high school student athletes using a data-driven multimedia module.

Reliability, Validity, and Responsiveness of the Concussion Quality of Life – Youth Patient Report Outcomes Instrument

Funding Agency: A. T. Still University Warner Grant Fund

PI: Tamara Valovich McLeod, PhD, ATC, FNATA

Role: Co-Investigator, 2019 (Grant application, data collection, data analysis)

Status: Funded (\$10,000)

The purpose of the proposed study was to establish the measurement properties of the Concussion Quality of Life – Youth, including reliability, validity, and responsiveness.

Qualitative Analysis of Factors Affecting Self-Report of Concussion

Funding Agency: U.S. Air Force Summer Faculty Fellowship Program

PIs: Michelle L. Weber, MS, ATC, Chris D’Lauro, PhD

Role: Co-Principal Investigator, 2018 and 2019 (Contributed to idea formulation, grant application, data collection, data analysis, manuscript development)

Status: Funded (2018: \$14,800; 2019: \$10,800)

The purpose of this proposed study was to explore factors influencing concussion reporting from the United States Air Force Academy cadets’ perspective using semi-structured interviews.

Youth Sport Concussion Prevention: An Incentivized Data-Driven Intervention Approach

Funding Agency: Center for Disease Control and Prevention

PIs: Julianne D. Schmidt, PhD, ATC, and Robert C. Lynall, PhD, ATC

Role: Doctoral Research Assistant, 2017 (Assisted with scientific contribution, preliminary data, idea formation, grant application)

Status: Not funded (\$1,634,220)

We proposed to develop and assess the effectiveness of two innovative, data-driven, incentivized interventions aimed at improving a) concussion prevention (primary prevention) and b) concussion reporting and management (secondary prevention).

Understanding Factors Influencing Concussion Reporting Behavior: A Qualitative Analysis

Funding Agency: University of Georgia, Department of Kinesiology, Louise E. Kindig Award

PI: Michelle L. Weber, MS, ATC

Role: Principal Investigator, 2017 (Contributed to idea formulation, application completion)

Status: Not funded (\$998.40)

The purpose of this research was to report how student-athletes describe variables (knowledge, attitudes, subjective norms, perceived behavioral control, social identity) that lead them to report or conceal a concussion.

Perceptions of Concussion Management Among Health Care Professionals

Funding Agency: A.T. Still University Strategic Research Fund (SRF) Program

PI: Cailee E. Welch, PhD, ATC

Michelle L. Weber Rawlins, PhD, ATC

Role: Co-Investigator, 2014-2015 (Assisted with grant application, data collection and abstract/manuscript development)

Status: Funded (\$21,102)

The purpose of this research study was to gain insight on the perceptions of and experiences with concussion management and academic accommodations among various healthcare professionals that serve as the primary providers to student-athletes following sport-related concussion in the secondary school setting.

PEER-REVIEWED JOURNAL PUBLICATIONS

In Preparation

1. **Weber Rawlins ML**, Bay RC, Valovich McLeod TC. Application of the Theory of Planned Behavior in Concussion Disclosure: A Systematic Review and Meta-Analysis.
2. Anderson MN, **Weber Rawlins ML**, Schmidt JD. The Effect of a Concussion Education Module on Stakeholder Bystander Intervention for Suspected Concussions.

In Review

1. Memmini AK, Popovich MJ, Schuyten KH, Herring SA, Scott KL, Clugston JR, Choe MC, Bailey CM, Brooks MA, Anderson SA, McCrea MA, Kontos AP, Wallace JS, Register Mihalik JK, Kasamatsu TM, Valovich McLeod TC, **Weber Rawlins ML**, Snedden TR, Kaplan M, Akani B, Orr JCL, Hasson RE, Rifat SF, Broglio SP. Recommendations for medical discharge documentation and academic supports for university students recovering from concussion. *Journal of Head Trauma Rehabilitation*.
2. **Weber Rawlins ML**, Johnson RS, Schmidt JD, Lynall RC, O'Brien KH, Welch Bacon CE. University Educators' Perceptions of Academic Adjustments Following a Concussion for Student-Athletes and Non-Student-Athletes. *Journal of American College Health*, JACH-2022-02-0088.
3. Memmini AK, Popovich MJ, Schuyten KH, Herring SA, Scott KL, Clugston JR, Choe MC, Bailey CM, Brooks MA, Anderson SA, McCrea MA, Kontos AP, Wallace JS, Register Mihalik JK, Kasamatsu TM, Valovich McLeod TC, **Weber Rawlins ML**, Snedden TR, Kaplan M, Akani B, Orr JCL, Hasson RE, Rifat SF, Broglio SP. Development of the post-concussion collegiate return-to-learn protocol using a modified Delphi technique. *Sports Medicine*. SPOA-D-21-01172.
4. **Weber Rawlins ML**, Valovich McLeod TC. A Mixed Methods Investigation into Athletic Trainer and Dietitian's Nutrition Practices for Concussion Patients. *Journal of Concussion*, CCN-21-0023.
5. **Weber Rawlins ML**, Valovich McLeod TC. Concussion Education Perceptions Among Secondary School Athletic Trainers. *Brain Injury*. TBIN-2021-0403.
6. **Weber Rawlins ML**, Welch Bacon CE, Tomporowski P, Gay JL, Bierema L, Schmidt JD. Masculinity, Optimism Bias, and Perceived Pressure on Concussion Reporting Intentions and Behavior. *Journal of American College Health*, JACH-2021-10-0782.

Published or Accepted

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1. **Weber Rawlins ML**, Johnson BR, Register-Mihalik JK, De Angelis K, Schmidt JD, D'Lauro CJ. United States Air Force Academy Cadets' Unprompted Knowledge of Concussions and Bell-Ringers/Dings: Perceived Differences and Similarities. *Journal of Athletic Training*. 2022. DOI: <https://doi.org/10.4085/1062-6050-0685.20>.
2. Schmidt JD, Anderson MN, **Weber Rawlins ML**, Foster CA, Johnson B, D'Lauro CJ. Number of Prior Concussions Predict Poorer Concussion Care Seeking in Military Cadets. *Brain Injury*. 2021; <https://doi.org/10.1080/02699052.2021.1976418>.
3. **Weber Rawlins ML**, Wilson A, Bay RC, Valovich McLeod TC. An Examination of Perceived Pressure from Stakeholders on Concussion Reporting Intentions and Behavior in Ice Hockey Athletes. *Journal of Head Trauma Rehabilitation*. 2021; DOI: 10.1097/HTR.0000000000000679.
4. **Weber Rawlins ML**, Johnson BR, Jones E, Register-Mihalik JK, Foster C, De Angelis K, Schmidt JD, D'Lauro CJ. The Role of Social Support in Concussion Disclosure in United States Air Force Academy Cadets: A Mixed Methods Approach. *Military Medicine*. 2021; doi:10.1093/milmed/usab102.
5. **Weber Rawlins ML**, Welch Bacon CE, Tomporowski P, Gay JL, Bierema L, Schmidt JD. A Qualitative Analysis of Concussion Reporting Behavior. *Journal of Athletic Training*. 2021; 56(1); DOI: 10.4085/1062-6050-0392-19.
6. Schmidt JD, **Weber Rawlins ML**, Lynall RC, D'Lauro C, Clugston J, McAllister TW, McCrea M, Broglio SP, CARE Consortium Investigators. Medical Disqualification Following Concussion in Collegiate Student-Athletes: Findings from the CARE Consortium. *Sports Medicine*. 2020; 50: <https://doi.org/10.1007/s40279-020-01302-y>.
7. **Weber Rawlins ML**, Welch Bacon CE, Tomporowski P, Gay JL, Bierema L, Schmidt JD. Using The Health Belief Model To Predict Concussion Reporting Intentions And Behavior. *Brain Injury*. 2020; 34(12): <https://doi.org/10.1080/02699052.2020.1831069>.
8. Schmidt JD, Suggs DW, **Weber Rawlins ML**, Bierema L, Miller LS, Courson RW, Reifsteck F. Coach, Sports Medicine, and Parent Influence on Student-Athlete Concussion Care Seeking. *Journal of Clinical and Translational Research*. 2020; 5(4): 215-2256.
9. Anderson M, **Weber Rawlins ML**, Schmidt JD. The Influence of Coping, Perceptions of Limitations, Interference, and Locus of Control on Concussion Care-Seeking Intentions in Collegiate Athlete. *Journal of Clinical and Translational Research*. 2020; 5(4): 204-214.
10. **Weber Rawlins ML**, Suggs DW, Bierema L, Miller LS, Reifsteck F, Schmidt JD. Examination of Collegiate Student-Athlete Concussion Reporting Intentions and Behavior. *Journal of Clinical and Translational Research*. 2020; 5(4): 186-196.
11. Lempke LB, **Weber Rawlins ML**, Anderson MN, Miller LS, Lynall RC, Schmidt JD. The Influence of Socioeconomic Status and Academic Standing on Concussion Reporting Intentions and Behaviors in Collegiate Athletes. *Health Promotion Practice*; 2020; 22(5), 649-658; DOI: 10.1177/1524839920920289.
12. **Weber Rawlins ML**, Snedden TR, Kay MC, Valovich McLeod T, Welch Bacon CE. School Nurses' Perceptions of Concussion Management for Secondary School Student-Athletes. *Brain Injury*; 2020; <https://doi.org/10.1080/02699052.2020.1739334>.

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13. Schmidt JD, **Weber ML**, Suggs DW, Bierema L, Miller LS, Courson RW, Hoff R, Dill K, Dunham J. Improving Concussion Reporting across NCAA Divisions Using a Theory-Based, Data-Driven, Multimedia Concussion Education Intervention: A Randomized Control Trial with One-Year Retention. *American Journal of Neurotrauma*. 2020; 37(4); <https://doi.org/10.1089/neu.2019.6637>.
14. Lempke LB, **Weber Rawlins ML**, Lynall RC, Schmidt JD. The Influence of Concussion Knowledge on Reporting Intentions in Collegiate Student-Athletes. *Athletic Training and Sports Health Care*. 2019; <https://doi.org/10.3928/19425864-20190618-01>.
15. **Weber Rawlins ML**, Johnson BR, Register-Mihalik JK, De Angelis K, Schmidt JD, D'Lauro CJ. United States Air Force Academy Cadets' Perceived Costs of Concussion Disclosure. *Military Medicine*. 2019; <https://doi.org/10.1093/milmed/usz162>.
16. **Weber ML**, Suggs DW, Bierema L, Miller LS, Reifsteck F, Schmidt JD. Collegiate Student-Athlete Sex, Years of Sport Eligibility Completed, and Sport Contact Level Influence on Concussion Reporting Intentions and Behaviours. *Brain Injury*. 2019; <https://doi.org/10.1080/02699052.2019.1568573>.
17. **Weber ML**, Lynall RC, Hoffman NL, Miller EH, Kaminski TW, Buckley T, Benjamin HJ, Miles CM, Whitlow CT, Lintner L, Broglio SP, McCrea M, McAllister T, Schmidt JD, CARE Consortium Investigators. Health-Related Quality of Life Following Concussion in Collegiate Student-Athletes With and Without Concussion History. *Annals of Biomedical Engineering*. 2019;47(10):2136-2146; <https://doi.org/10.1007/s10439-018-02151-7>.
18. Schmidt JD, Lynall RC, Lempke L, **Weber ML**, Devos H. Post-concussion driving behaviors and opinions: A survey of collegiate student-athletes. *Journal of Neurotrauma*. 2018; <https://doi.org/10.1089/neu.2018.5707>.
19. **Weber ML**, Welch Bacon CE, Valovich McLeod T. School Nurses' Management and Collaborative Practices for Student-Athletes Following Sport-Related Concussion. *Journal of School Nursing*. 2018; <https://doi.org/10.1177/1059840518774391>.
20. Welch Bacon CE, Kay MC, **Weber ML**, Tierney D, Valovich McLeod TC. School Nurses' Perceived Challenges with Concussion Management Procedures in the Secondary School Setting. *Sage Open Nursing*. 2018; <https://doi.org/10.1177/2377960818798437>.
21. Schmidt JD, Rizzone K, Hoffman NL, **Weber ML**, Jones C, Bazarian J, Broglio SP, McCrea M, McAllister, TW. Age at First Concussion Influences Number of Subsequent Concussions. *Pediatric Neurology*. 2018; <https://doi.org/10.1016/j.pediatrneurol.2017.12.017>.
22. **Weber ML**, Dean JHL, Hoffman NL, Broglio SP, McCrea M, McAllister T, Schmidt JD, CARE Consortium Investigators. Influences of Mental Illness, Current Psychological State, and Concussion History on Baseline Concussion Assessment Performance. *American Journal of Sports Medicine*. 2018; <https://doi.org/10.1177/0363546518765145>.
23. Hoffman NL, **Weber ML**, Broglio SP, McCrea M, McAllister T, Schmidt JD. Influence of Post-Concussion Sleep Duration on Concussion Recovery in Collegiate Athletes. *Clinical Journal of Sports Medicine*. 2017; doi: 10.1097/JSM.0000000000000538.
24. Welch Bacon CE, **Weber ML**, Kay MC, Valovich McLeod TC. Assessing School Nurses' Experiences with Comprehensive Concussion Management: Using Multimethodologies to

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Collect Meaningful Data. *SAGE Research Methods Cases*. 2017;
<http://dx.doi.org/10.4135/9781526420930>.

25. Welch Bacon CE, Erickson CD, Kay MC, **Weber ML**, Valovich McLeod TC. School Nurses' Perceptions and Experiences with an Interprofessional Concussion Management Team in the Secondary School Setting. *Journal of Interprofessional Care*. 2017; 31(6): 725-733. <http://dx.doi.org/10.1080/13561820.2017.1345873>.
26. **Weber ML**, Lam KC, Valovich McLeod TC. The Effectiveness of Injury Prevention Programs for Youth and Adolescent Athletes. *International Journal of Athletic Training and Therapy*. 2016; 21(2): 25-31.
27. **Weber ML**, Welch CE, Parsons JT, Valovich McLeod TC. School Nurse's Familiarity and Perceptions of Academic Accommodations for Student-Athletes Following Sport-Related Concussion. *Journal of School Nursing*. 2015; 31(2): 146-154.
28. **Weber ML**, Picha KJ, Valovich McLeod TC. Heel Pain in Youth: A Guide to Potential Management Strategies. *International Journal of Athletic Training and Therapy*. 2014;19(5): 44-52.
29. Picha K, **Weber ML**, Welch CE. Injury Risk and Prevention: An Analysis of Barefoot Versus Shod Distance Running. *International Journal of Athletic Training and Therapy*. 2014; 19(5): 34-36.
30. Mayfield RM, Welch CE, **Weber ML**, Parsons JT, Valovich McLeod TC. Secondary School Athletic Trainers' Management Practices and Referral Patterns Following Sport-Related Concussion. *Sports Health*. 2014; 6(5): 434-439.

NON-PEER REVIEWED CONTRIBUTIONS

1. Kay M, **Weber ML**, Valovich McLeod TC. Assessment, Management, and Knowledge of Sport-Related Concussion Clinical Bottom Line. *NATA News*. 2014; 26(8): 36-38.

BOOK CHAPTERS

1. **Weber ML**, Valovich McLeod TC. What is currently the most commonly accepted definition of a sport-related concussion and how does this definition impact clinical management? Quick Questions in Sport-Related Concussion. Edited by Valovich McLeod TC. Thorofare, NJ: Slack Incorporated.
2. **Weber ML**, Valovich McLeod TC. What patient self-report measures are best for assessing the impact of concussion on a patient's outcome? Quick Questions in Sport-Related Concussion. Edited by Valovich McLeod TC. Thorofare, NJ: Slack Incorporated.

ABSTRACTS

In Review

1. Memmini AK, Popovich MJ, Schuyten KH, Herring SA, Scott KL, Clugston JR, Choe MC, Bailey CM, Brooks MA, Anderson SA, McCrea MA, Kontos AP, Wallace JS, Register-Mihalik JK, Kasamatsu TM, Valovich McLeod T, **Weber Rawlins ML**, Snedden T, Akani

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B, Orr LCL, Kaplan ML, Hasson RE, Rifat SF, Broglio SP. Development of the post-concussion collegiate return-to-learn protocol using a modified Delphi approach. 6th International Consensus Conference on Concussion in Sport, Amsterdam, Netherlands, October 2022. In review.

2. **Weber Rawlins ML**, Valovich McLeod TC, Schmidt JD. Case Characterization and Perceptions of Athletic Trainers Regarding Medical Disqualification Following Concussion. 2022 Joint Conference on Brain Injury. September 21-24, 2022. In review.

Published or Accepted

1. Verschaegen J, Bering J, Edwards H, Chavet Z, Wakefield M, **Weber Rawlins ML**. A Preliminary Analysis of Concussion Disclosure in Military Service Members. San Diego State University Student Research Symposium. March 4-5, 2022. Accepted.
2. Stephenson K, O'Hara M, Holland, CL, Womble MN, Jennings S, **Weber Rawlins ML**, Elbin, RJ. Clinical Considerations of Neuropsychologists for Treating Concussions. Sport Neuropsychology Society Symposium, Dallas, TX, 2022. Accepted.
3. Memmini AK, Freeman D, Palincsar AS, Popovich MJ, Schuyten KH, Herring SA, Scott KL, Clugston JR, Choe MC, Bailey CM, Brooks MA, Anderson SA, McCrea MA, Kontos AP, Wallace JS, Register-Mihalik JK, Kasamatsu TM, Valovich McLeod T, **Weber Rawlins ML**, Snedden T, Akani B, Orr LCL, Hasson RE, Rifat SF, Broglio SP. Development of the post-concussion collegiate return-to-learn protocol using a modified Delphi approach. National Athletic Trainers' Association 73rd Clinical Symposia & AT Expo, Philadelphia, June-July 2022. Accepted.
4. Duszynski H, **Weber Rawlins ML**, Valovich McLeod TC. Perceptions of Academic Concerns and Performance Ability Among Adolescents Following A Sport-Related Concussion. National Athletic Trainers' Association 73rd Clinical Symposia & AT Expo, Philadelphia, June-July 2022. Accepted.
5. **Weber Rawlins ML**, Marshall AN, Lam KC, Valovich McLeod TC. Direct Costs of Care For Adolescent Patients With And Without Persisting Concussion Symptoms In United States Secondary Schools: A Report From The Athletic Training Practice-Based Research Network. 6th International Consensus Conference on Concussion in Sport, Amsterdam, Netherlands, October 2022. Accepted.
6. Schmidt JD, **Weber Rawlins ML**, Lynall RC, D'Lauro C, Clugston J, McAllister TW, McCrea M, Broglio SP. Medical Disqualification Following Concussion: A CARE Consortium Study. 6th International Consensus Conference on Concussion in Sport, Amsterdam, Netherlands, October 2022. Accepted.
7. **Weber Rawlins ML**, Marshall AN, Lam KC, Valovich McLeod TC. Direct Costs of Care For Adolescent Patients With And Without Persisting Concussion Symptoms In United States Secondary Schools: A Report From The Athletic Training Practice-Based Research Network. Pediatric Research in Sports Medicine Society 9th Annual Meeting, Houston, TX. January 27-29, 2022. Accepted.
8. Schmidt JD, Anderson MN, **Weber Rawlins ML**, Foster CA, D'Lauro CJ. The Number of Prior Concussions Predicts Poorer Concussion Care Seeking in Military Cadets. Military Health System Research Symposium Poster Presentation Proposal. 2021. Accepted.

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9. Valovich McLeod TC, Lam KC, Snyder Valier AR, **Weber Rawlins ML**, Bay RC. Concurrent Validity of the Concussion Quality of Life-Youth Patient-Report Outcome Measure (Version 1). 2021 Virtual World Congress on Brain injury, July 2021. Accepted.
10. Valovich McLeod TC, Lam KC, Snyder Valier AR, **Weber Rawlins ML**, Bay RC. Test-Retest Reliability of the Concussion Quality of Life-Youth Patient-Report Outcome Measure (Version 1). 2021; 56 (6-Supplement): S-18.
11. **Weber Rawlins ML**, McCrea M, McAllister T, Broglio SP, Schmidt JD. Does Sensation Seeking Behavior Predict Collegiate Student-Athletes' Concussion Care Seeking? *Journal of Athletic Training*. 2020; 55(6-Supplement): S-142.
12. Anderson MN, **Weber Rawlins ML**, Miller LS, Courson R, Reifsteck F, Schmidt JD. Intentions for Stakeholders to Intervene Following a Suspected Concussion in Collegiate-Sport Athletes. *Journal of Athletic Training*. 2020; 55(6-Supplement): S-220.
13. **Weber ML**, Gay J, Tomporowski P, Bierema L, Welch Bacon CE, Schmidt JD. Using The Health Belief Model To Predict Concussion Reporting Intentions And Behavior. Pediatric Research in Sports Medicine Society 7th Annual Meeting, Glendale, AZ. January 23-25, 2020. Accepted.
14. D'Lauro C, **Weber ML**, Johnson BR, De Angelis K, Register-Mihalik JK, Schmidt JD. A Qualitative Study of Concussion Reporting at the US Air Force Academy (USAFA). Military Health System Research Symposium Poster Presentation Proposal. 2019. Accepted.
15. Le RK, **Weber ML**, Gay JL, Welch Bacon CE, Schmidt JD. Examining optimism bias in predicting concussion reporting intentions and behaviors among student-athletes. 7th Annual Sports Neuropsychology Society Conference, Seattle, WA. May 2-4, 2019. Accepted.
16. Palfrey K, **Weber ML**, Anderson MN, Welch Bacon CE, Schmidt JD. The Influence of Perceived Pressure from Stakeholders to Conceal a Concussion on Student-Athletes' Reporting Intentions. Center for Undergraduate Research Opportunities Symposium, Athens, GA. April 7-8th, 2019. Accepted.
*Student mentored research
17. Le RK, Anderson MN, Miller LS, **Weber ML**, Schmidt JD. Examining the Relationship Between Coping Strategies and Intentions to Report Concussion Among Intercollegiate Athletes. *Journal of Athletic Training*. 2019; 54(6-Supplement): S-94.
18. Anderson MN, **Weber ML**, Miller LS, Schmidt JD. Locus of Control Ratings do not Predict Concussion Reporting Intentions in Intercollegiate Athletes. American College of Sports Medicine Annual Meeting, Orlando, FL. May 31, 2019. Accepted.
19. **Weber ML**, Johnson B, De Angelis K, Register-Mihalik JK, Schmidt JD, D'Lauro CJ. Concussion Self-Management Concepts Among United State Air Force Academy Cadets. Winter Conference on Brain Research. Snowmass, CO, January 2019. Accepted.
20. D'Lauro C, **Weber ML**, De Angelis K, Schmidt JD. Understanding and Improving Concussion Self-Report: An Interdisciplinary and Multi-Method Perceptive on Military Academy Cadets. Winter Conference on Brain Research. Snowmass, CO, January 2019. Accepted.
21. Lempke LB, **Weber ML**, Lynall RC, Schmidt JD. The Influence of Concussion Knowledge on Reporting Intentions in Collegiate Student-Athletes. 2018 American Academy of Neurology Sports Concussion Conference. Indianapolis, IN, July 20, 2018. Accepted.
22. Johnson RJ, Anderson MN, **Weber ML**, Lynall RC, Miller LS, Courson RW, Schmidt JD. The Relationship Between Perceived Pressure and Concussion Reporting Intentions in

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- Collegiate Student-Athletes. Sports Neuropsychology Society 6th Annual Concussion Symposium, Washington DC., May 2018. Accepted.
23. Anderson MN, **Weber ML**, Suggs DW, Bierema L, Miller LS, Courson RW, Riefsteck F, Schmidt JD. Relationship Between Perceptions of Limitations and Concussion Reporting Intentions in Collegiate Athletes. Sports Neuropsychology Society 6th Annual Concussion Symposium, Washington, D.C., May 2018. Accepted.
 24. Anderson MN, Suggs DW, Bierema L, Miller LS, Reifsteck F, **Weber ML**, Courson R, Schmidt JD. (2018) Athletic Identity does not Predict Reporting Intentions in Intercollegiate Athletes. American College of Sports Medicine Conference, Minneapolis, MN, 2018. Accepted.
 25. **Weber ML**, Courson R, Schmidt JD. Collegiate Student-Athlete Athletic Eligibility Does Not Influence Concussion Reporting Intentions and Behavior. *Journal of Athletic Training*. 2018; 53(6-Supplement): S-268.
 26. Schmidt JD, Rizzone K, Hoffman NL, **Weber ML**, Bazarian J. Developmental Stage and Age at Time of First Concussion Influences Subsequent Concussion Risk. *Medicine and Science in Sports and Exercise*. 2017; 49:859.
 27. Hoffman NL, Miller EH, **Weber ML**, Schmidt JD. Sleep Quality and Concussion Recovery Utilizing Subjective Sleep Assessments. *Medicine and Science in Sports and Exercise*. 2017; 49: 546.
 28. **Weber ML**, Schmidt JD, Hoffman NL. Comparing Performance on Baseline Computerized Neurocognitive and Balance Assessments with Head Impact Telemetry System Measurements. *British Journal of Sports Medicine*. 2017; 51.11: A28-A28.
 29. Hoffman NL, Schmidt JD. **Weber ML**. Does Concussion History and Post-Injury Sleep Quantity Influence Neurocognitive Scores Following Concussion in Collegiate Athletes? *British Journal of Sports Medicine*. 2017; 51.11: A50-A51.
 30. **Weber ML**, Hoffman NL, Miller EH, Schmidt JD. Influence of Psychological State Including History of Anxiety and Depression on Collegiate Student-Athletes' Baseline Concussion Assessment Tools. *Journal of Athletic Training*. 2016; 51(6-Supplement): S-113. **Doctoral Oral Student Award Finalist*
 31. Welch Bacon CE, **Weber ML**, Kay MC, Williams RM, Valovich McLeod TC. A Comparison of Health Care Professionals' Perceptions and Familiarity of Academic Adjustments For Adolescents Following a Concussion. *Journal of Athletic Training*. 2016; 51(6-Supplement): S-223.
 32. Shumaker LM, Valovich McLeod TC, Kay MC, McLeod IA, **Weber ML**, Hixon KM, Keenan G, Welch Bacon CE. Physician Assistants' Familiarity and Perceptions of Academic Adjustments For Adolescent Athletes Following Sport-Related Concussion. *Journal of Athletic Training*. 2016; 51(6-Supplement): S-222.
 33. Erickson CD, Kay MC, **Weber ML**, Valovich McLeod TC, Welch Bacon CE. School Nurses' Perceptions of the Academic Management Team for Student-Athletes Following A Sport-Related Concussion. *Journal of Athletic Training*. 2016; 51(6-Supplement): S-225.
 34. Tierney DK, Kay MC, **Weber ML**, Valovich McLeod TC, Welch Bacon CE. School Nurses' Perceived Role in Communication and Collaboration as a Member of the Concussion Management Team at the Secondary School Level. *Journal of Athletic Training*. 2016; 51(6-Supplement): S-224.
 35. **Weber ML**, Welch CE, Williams RM, Bujold E, Valovich McLeod TC. Physicians' Familiarity and Perceptions of Academic Accommodations For Adolescent Athletes

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- Following Sport-Related Concussion. *Journal of Athletic Training*. 2015;50 (6-Suppliment): S-178.
36. Cozzi AL, Welch CE, Williams RM, **Weber ML**, Bujold E, Valovich McLeod TC. Physicians' Concussion Management and Referral Patterns For Adolescent Athletes Following Sport-Related Concussion. *Journal of Athletic Training*. 2015;50 (6-Suppliment): S-181.
37. Kay MC, Welch CE, **Weber ML**, Mayfield RM, Parsons JT, Valovich McLeod TC. The Comparison of Athletic Trainers' and School Nurses' Familiarity and Perceptions of Academic Accommodations Following Sport-Related Concussion. *Journal of Athletic Training*. 2014;49 (3-Supplement): S-144.
38. Minthorn LM, Welch CE, **Weber ML**, Mayfield RM, Valovich McLeod TC. The Collaborative Relationship Between Athletic Trainers and School Nurses for Managing Sport-Related Concussion. *Journal of Athletic Training*. 2014;49 (3-Supplement): S-140.
39. Mummert DK, Welch CE, **Weber ML**, Kasulke A, Parsons JT, Valovich McLeod TC. Referral Practices Among School Nurses Related to Concussed Student-Athletes. *Journal of Athletic Training*. 2014;49 (3-Supplement): S-142.
40. **Weber ML**, Welch CE, Parsons JT, Valovich McLeod TC. School Nurses' Concussion Management Practices for Secondary School Athletes. *Journal of Athletic Training*. 2014;49 (3-Supplement): S-143.
41. Valovich McLeod TC, Welch E, Mayfield RM, **Weber ML**, Parsons JT. The Influence of Athletic Training Experience in the Secondary School Setting on Concussion Management, Referral and Familiarity of Academic Accommodations. *Journal of Athletic Training*. 2014;49 (3-Supplement): S-140.
42. **Weber ML**, Mayfield RM, Welch CE, Parsons JT, Valovich McLeod TC. Self-Reported Concussion Management Practices Among Secondary School Athletic Trainers. *Journal of Athletic Training*. 2013;48(3): S-102.

PROFESSIONAL PRESENTATIONS

Invited Presentations

Weber Rawlins, ML. Best Practices in Concussion Assessment: Using Adjunct Tools to Drive Treatment Decisions, Barrow Concussion Network Training, August 2020

Weber, ML. The Patient Centered Approach to Concussion Research, United States Air Force Academy, March 2018

Regional Presentations

Amsberry A, Bekkedahl B, **Weber ML.** Northwest Athletic Training Association Student Forum Presentation Winner "'Born to Run': A Biomechanical Analysis of Shod vs. Barefoot Running," District 10 Athletic Training Annual Conference, Eugene, OR, 2011

Local Presentations

Michelle L. Weber Rawlins, PhD, ATC

Weber Rawlins ML. *Medical Disqualification Following Concussion: Considerations to Aid in the Decision-Making Process*, 2021 Arizona Athletic Trainers' Association Winter Symposia, January 2021

Weber Rawlins ML. *Examination of Concussion Reporting Influences and Educational Programs*, 2020 Arizona Athletic Trainers' Association Winter Symposia, February 2020

Lacy A, **Weber Rawlins ML.** Pre-Participation Exams and Sudden Death in Sport, Physician Assistant Lecture course, November 2019 and December 2020

Weber ML, *Care Concepts in Management of the Spine Injured Athlete*, Georgia Athletic Trainer's Association Annual Meeting and Clinical Symposium, April 2016

Weber ML, Picha KJ, Apraicio S. Anatomy lecture on cadaver specimens, Japanese students, A.T. Still University, March 2014

Picha KJ, **Weber ML.** Upper Extremity Evaluation lecture to Japanese students, A.T. Still University, March 2014

Weber ML, Picha KJ. *Heads Up! A Review of Sport-Related Concussion Evaluation Process and Return-to-Play Guidelines*, Sports Medicine Club, A.T. Still University, March 2014

Weber ML, Picha KJ, Aparicio S. Anatomy lecture on cadaver specimens, Athletic Training Student Association's High School Work Shop, A.T. Still University March 2014

Weber ML. Heat Related Illnesses lecture, Athletic Training Student Association's High School Work Shop, A.T. Still University, March 2013

AWARDS AND HONORS

- 2017 National Athletic Training Association: Andrews Sports Medicine and Orthopaedic Center Scholarship Recipient
- 2016 GATA: Lori Mobley Groover Leadership Award Scholarship graduate Recipient
- 2015-2017 Shortt Scholarship Award Recipient
- 2014 Dwight Patterson Youth Sports Scholarship Recipient
- 2013 Susan K. Hillman Masters' Degree Scholarship Recipient
- 2013 Dwight Patterson Youth Sports Scholarship Recipient
- 2011 and 2012 Linfield College Athletic Training Education Program's Outstanding Student Award
- 2011 Northwest Athletic Training Association Student Forum Presentation Winner "*Born to Run': A Biomechanical Analysis of Shod vs. Barefoot Running*"
- 2010 Oregon Athletic Training Society's Student of the Year
- 2010 Oregon Athletic Training Society's January and October Student of the Month
- 2010 National Athletic Training Association Scholarship
- 2010 Whitesel Pro Sports Therapy Scholarship

SERVICE EXPERIENCE

Michelle L. Weber Rawlins, PhD, ATC

Professional Service

- Journal Reviewer for:
 - Journal of Sports Rehabilitation
 - Journal of School Nursing
 - Clinical Journal of Sport Medicine
 - Journal of Athletic Training
 - Journal of American College Health
- Laboratory Assistant, GATA Annual Meeting Emergency Preparedness Presentation and Laboratory, January 2017
- Athletic Training Student Association, Treasurer, 2013-2014
- Co-chair of Athletic Training Student Association's High School Work Shop, 2014
- Chaparral High School, 2012 and 2013
- Athletic Training Student Association, Secretary, 2012-2013
- Interprofessional Case Collaboration, 2nd place winner 2012
- Student Ambassador, A.T. Still University, 2012-2013

Community Service

- Corbin's Legacy volunteer, September 2019
- High School Athletic Training Camp Counselor, University of Georgia, 2016, 2017, 2018
- Paint Phoenix, "Graffiti Busters," 3/26/2014
- Bowling for Brains, 2012 and 2013

PROFESSIONAL LICENSURE AND CERTIFICATIONS

- CPR/AED Healthcare Provider, American Heart Association 7/2021-7/2023
- Athletic training licensure, State of Arizona, license number 9137 9/2020-9/2021
- Arizona Athletic Trainers' Association, Member 2012-2015, 2019-2021
- Rocky Mountain Athletic Trainers' Association, Member 2012- 2015, 2019-2021
- Athletic training licensure, Georgia, AT002684 6/2015-6/2020
- Georgia Athletic Trainer's Association, Member 2015-2019
- Southeast Athletic Trainers' Association, Member 2015-2019
- Athletic training licensure, State of Arizona, license number 1120 8/2012-10/2015
- NPI number 1588098230
- Board of Certification, certification member # 2000008129 9/12/2011
- National Athletic Trainer's Association, Member 2008-present